

CLAIMS

1. A control method for a trunking system performing exchange between a wireless unit and the
5 other communication party by means of control signal communication with the wireless unit by use of a control channel, and thereby allowing communication signal communication using a selected telephone communication channel between the wireless unit and
10 the other communication party, the control method comprising the steps of:

when all the telephone communication channels are busy when a new request for the telephone communication channel comes from the wireless unit,
15 performing a telephone communication channel making processing for using the control channel as a telephone communication channel; and

when any of the busy telephone communication channels is released when the control channel is used
20 as a telephone communication channel, performing a control channel shifting processing for setting the released telephone communication channel as a new control channel, and by using all channels, notifying a plurality of the wireless units that the released
25 telephone communication channel currently acts as a new control channel.

2. A control method for a trunking system performing exchange between a wireless unit and the
30 other communication party by means of control signal

communication with the wireless unit by use of a control channel, and thereby allowing communication signal communication using a selected telephone communication channel between the wireless unit and the other communication party, the control method comprising the steps of:

when all the telephone communication channels are busy when a new request for the telephone communication channel comes from the wireless unit, performing a telephone communication channel making processing for using the control channel as a telephone communication channel; and

when any of the busy telephone communication channels is released when the control channel is used as a telephone communication channel, performing a control channel shifting processing for causing communication performing transmission/reception to/from the wireless unit by use of the control channel to be shifted to the released telephone communication channel, and releasing the control channel so as to be able to be used for transmission and reception of the control signal.

3. The control method for a trunking system according to claim 1 or 2, wherein when the control channel is used as a telephone communication channel, a control channel usage state notifying processing is performed which incorporates into a telephone communication signal transmitted/received by use of the control channel, information indicating the

availability of the telephone communication channel currently used as the control channel, and performs transmission.